

# Online workshop on Mitigating Internal Threats for Categories 2 and 3 Radioactive Sources

23 April 2024 – 14:00-17:30 Vienna Time

## AGENDA

### 14:00-14:15 Opening Session

- Welcome and Opening Remarks
- Workshop objectives and brief overview of the agenda

### 14.15 – 14.45 The Atkins Case Study

- What can we learn from this event?
- Do we believe it could happen elsewhere?

### 14:45-15:30 Session 1 on Understanding the Risk

#### Key issues:

- What applications are using categories 2 and 3 radioactive sources?
- What could be the consequences of a malicious use of these sources?
- Which of their characteristics impact security needs and implementation?
- What is the threat to radioactive sources? What scenarios should we be prepared for?

**Presentation** on industrial, medical and research applications using cat 2 and 3 sources

**Discussion** on source characteristics impacting security matters

- What could be malicious scenarios involving categories 2 or 3 radioactive sources and what could be the consequences?
- What radioactive source features impact security matters?
- What are the main challenges when protecting categories 2 or 3 radioactive sources?

**Presentation** on Internal Threats and their relevance to cat 2 and 3 Radioactive Sources

**Discussion** on credible internal threats, including malicious and unwitting insiders

- Do we have examples of actual incidents involving radioactive sources where insiders were involved? What were the outcomes and lessons learned?
- What are common reasons for individuals to become insiders?
- What are unwitting insiders? How do they differ from malicious insiders? What risk do they pose?

### 15:30-15:45 Break

### 15:45-17:15 Session 2 on Mitigating the Risk

#### Key issues:

- What are usual insider mitigation measures?
- What can we learn from those who are implementing security measures for cat 2 and 3 sources?
- How do you assess the effectiveness of your insider threat mitigation programme?

**Presentation** on insider mitigation: an end user perspective

**Discussion** on Challenges designing and implementing effective security measures against insiders.

- What are the key challenges faced by an organization attempting to identify and mitigate insider threats?
- How do organizations balance the need for employee privacy with the necessity of implementing monitoring and surveillance measures to detect insider threats?
- How confident are we that staff has the necessary awareness and understanding to recognize and report potential insider threats?
- In what ways can law enforcement collaborate with end-user to enhance prevention of internal threats?

**Case Study** – The Ukrainian Experience with Radioactive Source Security in war time

- How does a war situation impact internal threats?
- What specific measures were implemented by Ukrainian authorities to enhance the security of radioactive sources in Ukraine during wartime?
- How did the Ukrainian experience during wartime shape their approach to radioactive source security planning and preparedness in the future?
- What can we learn from Ukraine's experience?

**Discussion** on demonstrating readiness to mitigate the threat

- How do you assess the effectiveness of insider mitigation measures?
- How do you know your security arrangements are sufficient?
- What level of security can we expect from small organisations managing categories 2 or 3 radioactive sources?
- What is the role of regulations in mitigating the insider threat?

17:15-17:30

**Closing Session**

- Summary of the event (What have we learnt? What remains challenging? Take aways for the participants)
- Evaluation of the event and concluding remarks